

B-1B

**Status Report – October 2004  
Wing Shear Bearing Maintenance Repair (SD11)**

Contract No. F33657-01-D-2050  
Delivery Order No. SD-11

PCO: Jerry Vann  
CDRL Number: A00A

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Date: 04 November 2004

**20041117 009**



**Integrated Defense Systems**  
2401 E. Wardlow  
Long Beach, CA 90807

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Air Force PCO: Jerry Vann  
CDRL Number: A00A

Prepared by:  
Lance Borden

Approved by:



F. L. Borden  
Project Team Lead  
Shear Bearing Repair CFT

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Craig P. Helberg  
Senior Manager  
B-1B Structures & Flight Sciences

The information in this document was requested by OC-ALC/PSKAB, Tinker AFB, OK 73145-5990 under Government Contract Number F33657-01-D-2050 and is approved for public release; distribution is unlimited. However, it does not necessarily bear the endorsement of the requesting agency.

Date: 04 November 2004

No. of Pages: 4+27 of Appendices



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2401 E. Wardlow  
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## **FOREWORD**

The B-1B Structures & Flight Sciences Department of The Boeing Company Integrated Defense Systems Group, Long Beach, California prepared this monthly status report, in support of contract F33657-01-D-2050. This report was authorized by Oklahoma City Air Logistics Center (OC-ALC/PSKAB), Tinker Air Force Base, Oklahoma, under BONE Delivery Order SD11.

## **SUMMARY**

The primary purpose of this report is to provide documentation regarding the status of the Contractor Field Team (CFT) Wing Shear Bearing Maintenance Repair effort at Dyess AFB for the period 30 September 2004 through 29 October 2004. Two (2) aircraft were in work during October 2004 and both aircraft were completed by 19 October 2004. These aircraft were Dyess jets (A/C's 86-0090 and 86-0101). In finishing these aircraft, the Wing Shear Bearing Repair has been successfully completed on 67 aircraft. A closeout TIM was held October 19 and 20, 2004 at Dyess AFB to discuss disposition of remaining parts and tools, and to review "lessons learned" from the CFT experience to apply to future CFT efforts such as the Wing Pivot Bearing Inspection Replacement Prototype.

## **STATUS REPORT**

The CFT Status Report email (Appendix A), covers the time period from initial SD11 delivery order award on 13 November 2003 to the planned actions of 29 October 2004. The CFT team has completed the twenty-five of twenty five aircraft scheduled under this delivery order. Appendix B presents the overall aircraft schedule with progress as of 29 September 2004. Appendix C shows a table of aircraft designated for Shear Bearing Repair with their scheduled and actual starts and finish dates. Appendix D presents man-hours and budget dollars expended on the SD11 delivery order through 28 October 2004.

Appendix A

CFT Status Report

## Borden, Lance

**From:** Borden, Lance  
**Sent:** Friday, October 22, 2004 10:37 AM  
**To:** Borden, Lance; Chan, Chi; EXT-Gilbert, Greg; 'ext-Steve.Tipton'; 'Ext-Harold Reed'; 'Ext-Larry.Urish'; 'Vann Jerry L Civ OC-ALC/PSKAB'; 'jimmie.hopkins@tinker.af.mil'; 'Bryan, Helen K'; Binder, Richard A; 'Ext-2Lt Kimmy Moss'; EXT-Evans, Gavin; EXT-Scott, Wilson A; 'Macsas Michael J Civ OC-ALC/MABBBA'; 'melonee.moses@dcma.mil'; 'ext-Gerry Wade (E-mail)'; 'Monroe Kay Civ OC-ALC/PSBP'; 'Barbara.Alexander@tinker.af.mil'; 'Jerry.Densmore@ellsworth.af.mil'; 'Poolaw Marti Civ OC-ALC/PSBMC'; 'Scarlett Robert E SMSgt 7 AMXS/MXAA'  
**Cc:** Degnan, Glen C; Clark, William H; Carver, Lawrence A; Heath, Jonathan C; Andrew, Sharon M; Mize, Richard K; Decker, Kenneth V; Reiss, Sandra L; Steadman, Gail V; Romanelli, Jeffrey J; Fierro, Cindy L; Athearn, Stephen E; Morris, J. Craig; Glover, Fred G; Zertuche, Jose M; Scott, Wilson A; Booth, Marcia A; Traugott, John A; Durham-III, George A; Helberg, Craig P; 'gregory.kerr@dyess.af.mil'; Lepo, Peter J; Foster, Dave; Nelson, Steve R; Boler, Michael; Fratella, Jon J; Navarro, Catarino Q; Marshall, Geri A; EXT-Gentile, George W; White, Mace A; Wentz, Jeremy; Ahmadi, Parichehr D; Weiser, Jacklynn M; Reed, Gregory T; 'cate.kauffman@wpafb.af.mil'; Kauffman, Cathy A; Posivak, Alex J; Bateman, Sean P  
**Subject:** RE: Shear Bearing Repair CFT Status 10/22/04 LAST REPORT



SD11 Final Status  
102204.pdf (...)

Plan for 10-23-04

- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): Shr Ftgs Customer buy-off today; ship to Dyess.
- \* Mesa: A/C 101 (rotatable pool ftgs-Dyess): Shr Ftgs Customer buy-off today; ship to Dyess.

10-22-04

- \* A/C-86-0101 (Dyess): **Aircraft was completed on 10/19/04. The last A/C.**
- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): In Paint/ID.
- \* Mesa: A/C 101 (rotatable pool ftgs-Dyess): Complete Drill; Go to Paint/ID.

Plan for 10-08-04

- \* A/C-86-0101 (Dyess): Continue Brg / Shr Ftg removals.
- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): Shr Ftgs in machining; ECD:10/21.

10-07-04

- \* A/C-85-0090 (Dyess): Finish panel installs; aerofare closeout strips; **Aircraft completed** this afternoon.
- \* A/C-86-0101 (Dyess): Aircraft to be jacked today; begin Brg / Shr Ftg removals.
- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): Shr Ftgs to machining

Plan for 10-05-04

- \* A/C-85-0090 (Dyess): Continue panel installs.
- \* A/C-86-0101 (Dyess): Remove hydro lines; prepare for jacking.
- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): send Shr Ftgs to Mesa.

10-04-04

- \* A/C-85-0090 (Dyess): Disturbed systems checkout complete; aircraft wing sweeps today; begin panel installs; Kevlar Curtain installs.
- \* A/C-86-0101 (Dyess): All upper panels removed; hydro lines removed; all systems stowed; prep for jacking.
- \* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs completed and sent to Dyess Friday.

Plan for 10-01-04

- \* A/C-85-0090 (Dyess): start Brg / Shr Ftg installs.
- \* A/C-86-0101 (Dyess): Remove hydro lines; prepare for jacking.
- \* Mesa: A/C 090 (rotatable pool ftgs-Dyess): Shr Ftgs ship to Mesa.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Mod Shr Ftgs ship to Dyess.

09-30-04

\* A/C-85-0090 (Dyess): Aircraft jacked Tuesday; Shr Ftgs / Brgs removed; measured for shims today..no new shims required; begin Shr Ftg installs.

\* A/C-86-0101 (Dyess): Effort directed at A/C090 so no progress today; yesterday: flt controls & electrical sys stowed; hydro drained; Kevlar Curtains removed.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs completed and buy-off today.

Plan for 09-28-04

\* A/C-85-0090 (Dyess): If AF rework complete, jack A/C and start Brg / Shr Ftg removal.

\* A/C-86-0101 (Dyess): Continue panel removals.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs in machining.

09-27-04

\* A/C 86-0097 (Dyess): **Aircraft complete** on Friday afternoon, 9/24.

\* A/C-85-0090 (Dyess): Hydro lines being removed today; Weapons Bay panels being installed by AF before we can jack aircraft; ready to jack late today or tomorrow.

\* A/C-86-0101 (Dyess): replaced 097 in the hangar. Today is day 1.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs in machining.

Plan for 09-24-04

\* A/C 86-0097 (Dyess): Continue repanning; ECD: 9/25/04 (Last repair: A/C 86- 0101 should come in hangar late Monday).

\* A/C-85-0090 (Dyess): Continue upper panel removal; remove Hydro lines; jack A/C.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs to machining.

09-23-04

\* A/C 86-0097 (Dyess): Finally got Hydraulic Press for Spring panel install back around lunchtime yesterday; wing sweeps were completed yesterday; Kevlar Curtains installed; ECD is now 9/25/04.

\* A/C 85-0090 (Dyess): Day 1 was yesterday; lower panel removed, top panels will come off after completion of 097 upper panel installs; Flt Controls, Electrical Sys stowed.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs should be at Mesa.

Plan for 09-21-04

\* A/C 86-0097 (Dyess): Perform Wing Sweeps (if not done Mon.); start repanning and Kevlar curtain install.

ECD: 9/24/04

\* A/C-85-0090 (Dyess): Electrical maintenance actions in hangar are tentatively on hold til after A/C 0090 has WSB completed. Possibly induct that aircraft today for WSB repair, but no later than Thurs.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs arrive at Mesa.

09-20-04

\* A/C-86-0132 (Dyess): Kevlar Curtains are installed RH upper spring panels installed (press returned to CFT Saturday morning) worked upper spring panels. **A/C complete** later today.

\* A/C 86-0097 (Dyess): Shims were OK; installed Brgs /Shr Ftgs, Hydro lines; electrical and flt controls restored; A/C is down jacked; prep for Wing Sweeps late today or early tomorrow.

\* Mesa: A/C 097 (rotatable pool ftgs-Dyess): Shr Ftgs shipped to Mesa.

Plan for 09-17-04

\* A/C 86-0097 (Dyess): If Shims OK, Start reinstall of Brgs /Shr Ftgs; begin Hydro line install.

\* A/C-86-0132 (Dyess): Continue repanel; begin closeout strip aerofare. Finish A/C late today or Saturday; Looking to input A/C 85-0090 by Wed 9/22 or Thurs. 9/23 after electrical maintenance actions in hangar are completed.

\* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Arrive at Dyess.

\* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Arrive at Dyess.

09-16-04

\* A/C-86-0132 (Dyess): Kevlar Curtains are installed RH upper spring panels installed (press taken by AF crew to work A/C140 spring panels-due back later today. Should complete A/C0132 late Friday or Saturday 9/18.

\* A/C-86-0140 (Dyess): A/C was turned over to AF to complete repanning. Plan is to have the jet ready to fly to Ellsworth late Friday. With respect to Shear Brg Repair, the consensus is the **A/C is complete**.

\* A/C 86-0097 (Dyess): Brgs are removed; Shr Ftg removals in work; measure for shimming requirements today.

\* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Shr Ftgs bought off yesterday; being shipped.

\* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Shr Ftgs bought off yesterday; being shipped.

Plan for 09-14-04

- \* A/C 86-0097 (Dyess): Work Brg /Shr Ftg removal after 132 paneled up. (late Wed or Thurs morning).
- \* A/C-86-0140 (Dyess): After completion of wing sweeps, AF will begin repanel and Kevlar Curtain installs; ECD: COB 09/15/04.. Want to fly up to Ellsworth AFB for Blk E install starting the 17th.
- \* A/C-86-0132 (Dyess): Continue repanel; ECD Thurs. (hangar will then be down for Electrical rewire..2 to 3 days). Looking to input A/C 85-0090 by Wed 9/22.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Complete Inspection; go to Paint/ID; ECD 9/16.
- \* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Complete Machining; go to Drilling; ECD 9/22.

09-13-04

- \* A/C-86-0132 (Dyess): Water Separator reinstalled; wing sweeps in work (problem with GSE); start repaneling today; install Kevlar Curtains.
- \* A/C-86-0140 (Dyess): ADG reinstalled; will perform wings sweeps today (if GSE holds up) after A/C 132.
- \* A/C 86-0097 (Dyess): A/C Fuselage jacks installed; working Pogo's..adapter plates arrived today from Ellsworth; do wing jacking. ADG was canned from this A/C for A/C 0140..will be replaced by canned ADG off A/C 090.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Shr Ftgs in Inspection.
- \* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Shr Ftgs in Machining.

Plan for 09-10-04

- \* A/C 86-0097 (Dyess): Complete Brg / Shr Ftg removals; measure for shimming requirements.
- \* A/C-86-0140 (Dyess): Waiting ADG reinstall.
- \* A/C-86-0132 (Dyess): Waiting Water Separator reinstall.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Complete Inspection; go to Paint/ID.
- \* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Complete Machining; go to Drilling

09-09-04

- \* A/C-86-0140 (Dyess): A/C outside; Still awaiting ADG reinstall; Meeting this morning with SMSgt's Scarlett and/or Delong.
- \* A/C 86-0097 (Dyess): A/C Fuselage jacks installed; working Pogo's; start Brg / Shr Ftg removals later today.
- \* A/C-86-0132 (Dyess): Ready for Power ON: Awaiting Water Separator reinstall; Meeting this morning with SMSgt's Scarlett and/or Delong.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): In Inspection.
- \* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Shr Ftgs in Machining.

Plan for 09-08-04

- \* A/C-86-0140 (Dyess): Will put back in hangar to power up (do Wing Sweeps) if ADG reinstalled.
- \* A/C 86-0097 (Dyess): Continue upper panel removals; Kevlar Curtain removals; hydro sys removal.
- \* A/C-86-0132 (Dyess): Prep'd for systems checkout; NEED CANNED WATER SEPARATOR REINSTALLED.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Complete Drilling; go to Inspection. ECD 9/13.
- \* Mesa: A/C 132 (rotatable pool ftgs-Dyess): Shr Ftgs arrive at Mesa; put into Machining.

09-07-04

- \* A/C 86-0097 (Dyess): Lower panels are removed; electrical and fit controls stowed; working upper panel removals.
- \* A/C-86-0140 (Dyess): Will put back in hangar to power up (do Wing Sweeps) after ADG reinstalled (either after completion of A/C-86-0132).
- \* A/C-86-0132 (Dyess): Complete Shr Ftg / Brg installs Friday; down jack today; Need Water Separator (Canned before we received A/C) reinstalled before Power Up of A/C for systems checkout and wing sweeps.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Shipped 9/2 to Dyess.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): In Drilling.

Plan for 09-03-04

- \* A/C-86-0140 (Dyess): Will put back in hangar to power up (do Wing Sweeps) if ADG reinstalled. Otherwise, put A/C 86-0097 in work (If the A/C was able to fly out of Arizona 9/2/04). Third Option: put A/C 85-0090 in work.  
STAY TUNED!!
- \* A/C-86-0132 (Dyess): Complete Shr Ftg removals; measure for shim requirements; if no shim changes then begin reinstall of Brgs.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): Complete Machining; go to Drilling. ECD 9/13.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Go to Paint & ID; Customer buy-off and ship to Dyess.

09-02-04

- \* A/C-86-0140 (Dyess): Will put back in hangar to power up (do Wing Sweeps) after ADG reinstalled (either after completion of A/C-85-0064 or completion of A/C-86-0132 ).
- \* A/C-85-0064 (Dyess): Completing panel installs; aerofare cover strips; **A/C complete** by noon today.
- \* A/C-86-0132 (Dyess): A/C is jacked all systems removed or stowed; begin Brg / Shr Ftg removals.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Shipped 8/31 to Dyess.

- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Complete Drilling and go to Inspection.
- \* Mesa: A/C 064 (rotatable pool ftgs-Dyess): In Machining.

Plan for 08-31-04

- \* A/C-86-0140 (Dyess): Will put back in hangar to power up (do Wing Sweeps) after ADG reinstalled (after completion of A/C-85-0064).
- \* A/C-85-0064 (Dyess): Complete Kevlar Curtain installs; continue panel installs. ECD: 9/3
- \* A/C-86-0132 (Dyess): Continue upper panel removals; remove hydro lines; prep for jacking
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Ship to Dyess
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Go to Paint & ID; Customer buy-off Wed.; ECD 9/1/04.

08-30-04

- \* A/C-86-0140 (Dyess): Aircraft was moved out of hangar Fri and Aircraft 86-0132 moved in.
- \* A/C-85-0064 (Dyess): Performing wing sweeps this morning; begin panel installs.
- \* A/C-86-0132 (Dyess): Saturday was Day 1; all lower panels removed; flt controls / electrical sys stowed; Kevlar Curtains removed; upper panels inwork.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Complete Paint and ID and go to Customer late today or tomorrow morning.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Complete drilling and go to Inspection.

Plan for 08-27-04

- \* A/C-86-0140 (Dyess): Aux Drive Gearbox should arrive at Dyess Fri 8/27 and reinstall in A/C. Should have moved A/C out of hangar to make way for A/C 86-0097 due into Dyess from AMARC yesterday (Thurs).
- \* A/C-85-0064 (Dyess): Complete systems restoration; service Hydro; perform wing sweeps.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Complete Paint and ID and go to Customer; ECD 8/30.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Ftgs arrive at Mesa.

08-26-04

- \* A/C-86-0140 (Dyess): All systems restored several days ago, need Aux Drive Gearbox reinstalled before power up for checkouts and wing sweeps can be accomplished; working with AF to get this canned part returned/installed. ECD: Fri COB. Moved the crew onto A/C-85-0064.
- \* A/C-85-0064 (Dyess): Brgs/ Ftgs removed yesterday and completed measurements-no new shims required; complete reinstall of Brgs / Shr Ftgs; working Panel Refurb. Also; work hydro line reinstall; down jack.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): In Paint and ID.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Send out Shr Ftgs.

Plan for 08-24-04

- \* A/C-86-0140 (Dyess): Down jack and prep for Wing Sweeps; install refurbished Pogo to support Wing Sweeps.
- \* A/C-85-0064 (Dyess): Complete Brg / Shr Ftg removals; measure fittings for shim requirements.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): In Inspection.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Mesa should get Shr Ftg shipment.

08-23-04

- \* A/C-86-0140 (Dyess): Brgs/Shr Ftgs removed Fri; measurements show shims good to go as. Installed new Brgs & spare Shr Ftgs Saturday. Electrical and flt controls restored; Hydro lines being installed today; prep for down jacking. Coordinating with Harold Reed on where to send damaged Shr Ftg.
- \* A/C-85-0064 (Dyess): Did not work this A/c over weekend; need Pogos to support Jacking today; start Brg removals.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Complete Drilling; go to Inspection.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Dyess box Shr Ftgs and send to Mesa.

Plan for 08-24-04

- \* A/C-86-0140 (Dyess): Down jack and prep for Wing Sweeps; install refurbished Pogo to support Wing Sweeps.
- \* A/C-85-0064 (Dyess): Complete Brg / Shr Ftg removals; measure fittings for shim requirements.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): In Inspection.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Mesa should get Shr Ftg shipment.

08-23-04

- \* A/C-86-0140 (Dyess): Brgs/Shr Ftgs removed Fri; measurements show shims good to go as. Installed new Brgs & spare Shr Ftgs Saturday. Electrical and flt controls restored; Hydro lines being installed today; prep for down jacking. Coordinating with Harold Reed on where to send damaged Shr Ftg.
- \* A/C-85-0064 (Dyess): Did not work this A/c over weekend; need Pogos to support Jacking today; start Brg removals.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Complete Drilling; go to Inspection.
- \* Mesa: A/C 140 (rotatable pool ftgs-Dyess): Dyess box Shr Ftgs and send to Mesa.

Plan for 08-20-04

- \* A/C-86-0140 (Dyess): Complete Brg / Shr Ftg removal; measure fittings for shim requirements. Check RH Shr Ftg for flange damage severity..New RH Shr Ftg from Tinker at Dyess to replace damaged A/C Shr Ftg.
- \* A/C-85-0064 (Dyess): Complete upper panel removals; complete hydro line removals;jack A/C.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): In Drilling.

08-19-04

- \* A/C-86-0140 (Dyess): Inboard jacks in place Wed but spent most of day working repair of Pogo Jack..Broken weld followed by a leaking relief valve..Also, had weather delays due to thunder/lightning storm on Wed. afternoon. Good Pogos in place by COB yesterday; begin Brg / Shr Ftg removals this morning.
- \* A/C 85-0064 (Dyess): Lower panel removals complete; top panels inwork; electrical and fit control systems stowed; hydro deservise inwork.
- \* A/C 86-0112: Ran into a late problem with one upper spring panel that delayed the finish of this A/C until late yesterday. But now complete and scheduled to move out of hangar this morning.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Finish Machining; go to Drilling.

Plan for 08-17-04

- \* A/C-86-0140 (Dyess): Work upper panel removals if Panel Press available.
- \* A/C-85-0064 (Dyess): Work lower panel removals if work on 60140 discontinued due to Panel Press problem.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): Continue in Machining.

08-16-04

- \* A/C 85-0065 Dorsal Repair: Completed late Friday; COC inwork today.
- \* A/C-86-0140 (Dyess): Continue depaneling; Kevlar Curtains removed; Mace talked to Sgt Scarlett about refurb of Panel Press - should have one done by tomorrow morning. Harold working with Dyess to have them request the Panel Press at Warner-Robins be sent to Dyess.
- \* A/C 85-0064 (Dyess): A/C pulled in hangar today ahead of schedule..If Panel Press is not available in the morning, Mace will pull the team over to 50064 and begin lower panel removals.
- \* A/C 86-0112: Complete closeout strips and aerofare late today; **aircraft complete COB today**. Ends Ellsworth WSB effort.
- \* Mesa: A/C 134 (rotatable pool ftgs-Dyess): Completed and sent to Dyess on Friday.
- \* Mesa: A/C 112 (rotatable pool ftgs-Dyess): In Machining.

Plan for 08-13-04

- \* A/C 85-0065 Dorsal Repair: Complete NDI of RH repair; Apply finish to RH repair; Complete aerofair of LH external doublers.
- \* A/C-86-0140 (Dyess): Continue depaneling; CFT to arrive on base Tue., 8/17.
- \* A/C 86-0112: Perform wing sweeps; Start repaneling; Target for completion: Mon., 8/18.

08-12-04

- \* A/C 85-0065 Dorsal Repair: All LH doublers installed; Finish applied to LH doublers; Fasteners to arrive for installation of panel closeout tee; Prep for aerofair of LH external doublers; RH hole excision complete - awaiting NDI.
- \* A/C-86-0140 (Dyess): A/C in hangar; Lower spring panels removed; hydro deserviced and drained; Tooling in transit from Ellsworth.
- \* A/C 86-0112: Install PCA - shipment expected today.

Plan for 08-10-04

- \* A/C 85-0065 Dorsal Repair: Start LH doubler installation; Continue RH repair.
- \* A/C-86-0140 (Dyess): Start de-paneling if A/C brought into hangar (@1 EP).
- \* A/C 86-0112: Continue restoration.

08-09-04

- \* A/C 85-0065 Dorsal Repair: Complete flight control bracket holes; NDI RH holes & ream as required; Trial RH hole excision on test piece.
- All fasteners to arrive NLT 8/11.
- \* A/C-86-0140 (Dyess): Tow A/C into hangar (planned).
- \* A/C 86-0112: Shear fittings and bearing installed; De-jack & service hydro in work.

Plan for 08-03-04

- \* A/C 85-0065 Dorsal Repair: Complete all drilling and get NDI buy-off on all drilled holes.
- \* A/C 86-0112: Panel removals in work; stow electrical and fit control systems; remove Kevlar curtains; start hydro deservise.
- \* Mesa: A/C 134 (rotatable pool ftgs-Ellsworth): In drilling.

08-02-04

- \* A/C 86-0065: Dorsal Repair: Outbd Cap/Skin drilling complete; Inbd drilling start today. Send drilled Vertical Web splice pieces to NDI. Last of parts due in tomorrow; several fasteners still being procured.
- \* A/C 86-0134: Finish up cover strips and aefare; **Aircraft Complete at noon today.**
- \* A/C 86-0112: Aircraft put in hangar Saturday. Today will be Day 1 of WSB Repair; begin panel removals.
- \* Mesa: A/C 134 (rotable pool ftgs-Ellsworth): Completed machining; go to drilling.

Plan for 07-30-04

- \* A/C 85-0065 Dorsal Repair: Complete Vert. Web Drilling; NDI holes; start cap drilling.
- \* A/C 86-0134; Wing sweeps completed yesterday; install Kevlar Curtains; install panels.
- \* A/C 86-0112: Panel removals in work.
- \* Mesa: A/C 134 (rotable pool ftgs-Ellsworth): In machining.

07-29-04

- \* A/C 86-0065: Dorsal Repair: Vert Web drilling underway (~ 50% complete); Last of parts being fab'd, due in on 8/3.
- \* A/C 86-0134: Down jacked; Hydro Lines installed and all disturbed systems checks completed; plan to do wing sweeps this morning.
- \* A/C 86-0112: Worked off writeups & prep'd for combined Blk E / WSB Repair start later today after hangar lighting is serviced.
- \* Mesa: A/C 134 (rotable pool ftgs-Ellsworth): Arrived from Ellsworth yesterday; in receiving; go to machining.

Plan for 07-27-04

- \* A/C 85-0065 Dorsal Repair: Removal of panels; inspect repair area; receive hardware.
- \* A/C 86-0134; Build shims (if required); If no new shims required, begin Brg / Shr Ftg installs; If require get back shop to machine shim(s); panel refurb continues in work. Send Shr Ftgs to Mesa for modification.
- \* A/C 86-0112: Working off writeups & prep for combined Blk E / WSB Repair start tomorrow.

07-26-04

- \* A/C 86-0130: Dorsal Repair: **Completed late Friday 7/23.**
- \* A/C 85-0065: Dorsal Repair: CFT at Dyess today. Prep for start of repair tomorrow.
- \* A/C 86-0134: Brgs /Fittings removed; being measured today for shim requirements; panel refurb in work.
- \* A/C 86-0112: Has arrived at Ellsworth. Needs two days to work off writeups & prep for combined Blk E / WSB Repair.

Plan for 07-23-04

- \* A/C 86-0130 Dorsal Repair: Receive fastener shipment and install bracket. Should complete repair by COB today.
- \* A/C 86-0134: Complete upper panel removals; complete Hydro line removals; jack A/C; start Brg / Shr Ftg removals.

07-22-04

- \* A/C 86-0130 Dorsal Repair: had back shop fab another Systems support bracket with more flange width to allow for fastener edge distance requirements; Waiting for delivery 4 Hi Loks (2 part numbers) to complete job. ECD 07/26/04
- \* A/C 86-0134; Put into work yesterday; lower panels removed; upper panels inwork;Kevlar Curtains removed; systems being stowed;start Hydro line removals; prep for jacking.
- \* Mesa: A/C 109 (rotable pool ftgs-Ellsworth): Completed on 7/19; should have arrived at Ellsworth today or yesterday.

Plan for 07-16-04

- \* A/C 86-0130 Dorsal Repair: Continue repair member installs; all fasteners should be 'inhouse'. Receive replacement splice plate from C13 this morning.
- \* A/C 86-0132: Put into work today. (This jet will take priority over 0134 due to combo with Blk E. mod).
- \* A/C 86-0134: Put into work today.
- \* Mesa: A/C 109 (rotable pool ftgs-Ellsworth): Complete inspection.

07-15-04

- \* A/C 86-0130 Dorsal Repair: Finished NDI on all holes..No discrepancies; begin splice plate /doubler installs; receive fastener delivery. Replacement splice plate Heat Treat complete; doing passivation..should ship FEDEX overnight tonight to Ellsworth.
- \* A/C 86-0132: Got word this morning (SMSgt Scarlett email) that A/C 0132 arrives at Ellsworth late today. (combined Blk E/WSB).
- \* A/C 86-0134: Got word this morning (SMSgt Scarlett email) that A/C 0134 (AMARC designated jet) will also

arrive at Ellsworth late today. (WSB only)

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Complete drilling; move to inspection.

Plan for 07-13-04

\* A/C 86-0130 Dorsal Repair: Complete NDI hole inspections; begin nutplate / splice member installs; all but several fasteners should be 'inhouse' at Ellsworth by Thurs 7/15. Working substitutions / work arounds for those fasteners not available.

\* A/C 86-0132: Arrival today from Dyess; do prep work; begin WSB Repair tomorrow morning.

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Continue drilling.

07-12-04

\* A/C 86-0130 Dorsal Repair: Finish drilling Vertical Web; all hole drilling will be completed; AF perform NDI tonight.

\* A/C 86-0132: Received word this morning (SMSgt Scarlett) that A/C 132 will not arrive at Ellsworth until tomorrow.

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Machining sucessfully completed; in drilling process.

Plan for 07-09-04

\* A/C 86-0130 Dorsal Repair: Continue LH Vertical Web hole drilling. All parts and fasteners should be 'inhouse' at Ellsworth by Thurs 7/15.

\* A/C 86-0109: Continue panel installs. **A/C Complete on Sat. 7/10.**

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): In machining.

07-08-04

\* A/C 86-0130 Dorsal Repair: Finished drilling Fillers and Tee Bracket; continue Vertical Web drilling.

\* A/C 86-0109: Wing sweeps successfully completed last night; Kevlar Curtains install this morning; begin panel installs.

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Sent to machining.

Plan for 07-07-04

\* A/C 86-0130 Dorsal Repair: Continue LH Vertical Web hole drilling.

\* A/C 86-0109: Complete Brg /Shr Ftg installs; reinstall hydro lines; restore systems. Remove inboard wing jacks; prep for wing sweeps.

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Shr Ftgs should arrive at Mesa today.

07-06-04

\* A/C 86-0130 Dorsal Repair: Finished drilling the external doublers and the nutplates holes on LH side; start Vertical Web drilling.

\* A/C 86-0109: Worked Sat: completed jacking A/C, hydro line removals, Brg /Shr Ftg removals; measured ftgs-existing shims OK; today: begin Ftg /Brg installs; coord with Gerry Wade on hangar space to do wing sweeps (1/2 day required).

\* Mesa: A/C 109 (rotatable pool ftgs-Ellsworth): Sent to shipping on Sat. should have shipped then, if not, ship to Mesa today.

Plan for 07-02-04

\* A/C 86-0130 Dorsal Repair: Complete Outbd Cap drilling; Sat.: start Vertical Web / Shear Angle Ftg. hole drilling. Team will work Sat.

\* A/C 86-0109: Complete jacking A/C; finish hydro line removals; start Brg /Shr Ftg removals. Team will work Sat. on this jet.

07-01-04

\* A/C 86-0130 Dorsal Repair: Drilling: Inbd Cap/External Dblrs; Started yesterday on Outbd Cap drilling.

\* A/C 85-0089: **Shear Bearing Repair complete;** Removed from hangar; moved to Hangar 81 for Wing Pivot Ball Screw Actuator changeout. Air Force will install panels after changeout completed.

\* A/C 86-0109: Finish up removal of Upper panels; Kevlar Curtains removed;Inbd Jacks being moved to Dock 31 this morning; jack A/C; Hydro line removals inwork, should complete today.

\* Mesa: No activity..A/C 86-0109 Ftgs likely to ship Tues 7/6

Plan for 06-29-04

\* A/C 86-0130 Dorsal Repair: Continue drilling on Inbd Cap.

\* A/C 85-0089: Complete RH hydro line joint repair; install RH Kevlar Curtain; start RH panel installs.

\* A/C 86-0109: Continue lower panel removals; remove Kevlar Curtains.

\* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ftgs arrive at Ellsworth.

06-28-04

- \* A/C 86-0130 Dorsal Repair: Drill fixtures set-up and trial drilling run successful over weekend; set-up tooling on A/C; removed existing fasteners on longeron upstanding (verticle) leg.
- \* A/C 85-0089: Wing sweeps completed Fri.; Hydro complete LH; RH line has small leak at joint; A/F back shop to review/inspection recommend fix today; LH Kevlar Curtain installed.
- \* A/C 86-0109: Upper panel removals are inwork; electrical and fit controls stowed.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Arrived at Dyess and being forwarded to Ellsworth.

Plan for 06-25-04

- \* A/C 86-0130 Dorsal Repair: A/C on fuselage jacks Fri morning; start fastener removals in longeron; remove fit control bracket. (will work Sat.)
- \* A/C 85-0089: Complete wing sweeps; install Kevlar Curtains; begin to panel up (will work Sat.).
- \* A/C 86-0109: Continue panel removals are inwork; begin to stow systems.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ship to Ellsworth (via Dyess per IWA).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): Ship to Ellsworth.

06-24-04

- \* A/C 86-0130: Aerofare is curing. **Shr Brdg Repair is complete this morning. DCMA in Long Bch has OK'd the Solumina Tag (8am PDT) on Dorsal Long'n Repair. Begin Dorsal Repair work this morning; LH, RH panels removed; prep drill/ream tools completed; fit check of repair doublers/slice plates completed.**
- \* A/C 85-0089: Latest news on "Power-Up" for Blk E is today; Service hydro then and prep for wing sweeps.
- \* A/C 86-0109: Today is day one. Panel removals are inwork.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ftgs are in DCMA for buyoff.
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): Ftgs are in DCMA for buyoff.

Plan for 06-22-04

- \* A/C 86-0130: Continue panel installs. ECD for this jet is Wed afternoon 6/23.
- \* A/C 85-0089: Work Panel fasteners when possible; "Power-Up" for Blk E tomorrow.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Modified Shim NDR changes ECD to 6/25 (not "critical path"item).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): In Inspection; ECD: 06/25.

06-21-04

- \* A/C 86-0130: Did not accopmplish wing sweeps unatil this morning as A/C did not get back into hangar til Friday afternoon. Complete wing sweeps this morning; do Kevlar Curtain installs; begin Panel installs.
- \* A/C 85-0089: Latest news on "Power-Up" for Blk E is now Wed.; service hydro then and do wing sweeps.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Modified Shim NDR changes ECD to 6/25 (not "critical path"item).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): In Drilling.

Plan for 06-18-04

- \* A/C 86-0130: Perform wing sweeps; install Kevlar Curtains; start panel installs.
- \* A/C 85-0089: Work Panel fasteners refurb until power up scheduled for Monday 6/21; Service Hydro; do wing sweeps on 6/21.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Modified Shim NDR changes ECD to 6/23 (not "critical path"item).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): In machining.

06-17-04

- \* A/C 86-0130: Change in plan: Complete Wing Shr Brdg before starting Dorsal Longeron Repair: Down Jacked; refuel today;prep for wing sweeps.
- \* A/C 85-0089: Completed systems restoration; waiting for Blk E to power on to service Hydro; do wing sweeps.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Modified Shim NDR changes ECD to 6/23 (not "critical path"item).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): In machining.

Plan for 06-15-04

- \* A/C 86-0130: Dorsal Longeron Repair.
- \* A/C 85-0089: Complete restoration of systems; service hydro; down jack; prep for wing sweeps.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ship to Dyess (will then be forwarded from Dyess to Ellsworth).
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): In machining.

06-14-04

- \* A/C 86-0130: Dorsal Longeron Repair.
- \* A/C 85-0089: Completed Shr Ftg installs; Complete Brdg installs today; install hydro lines; restore fit controls, electrical.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Modified Shim NDR changes ECD to 6/23 (not "critical path"item).
- \* Mesa: A/C 130 (rotatable pool ftgs-Ellsworth): Completed and shipped to Ellsworth 06/10/04.
- \* Mesa: A/C 089 (rotatable pool ftgs-Ellsworth): Receive at Mesa Fri 06/11/04.

Plan for 06-08-04

- \* A/C 86-0130: Receive new shim; Complete all Brg / Shr Ftg installs; complete systems restoration; prep for wing sweeps but will not perform until after Dorsal Longeron Repair.
- \* A/C 85-0089: Complete panel removals; prep for jacking.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ship to Dyess (will then be forwarded from Dyess to Ellsworth).
- \* Mesa: A/C 130 (rotatable pool ftgs-Ellsworth): Complete machining; go to drilling

06-07-04

- \* A/C 86-0130: Complete RH Bearing and Shear Ftg install today; systems restoration in work today.
- \* A/C 85-0089: All Lower Panels removed; Upper Panel removals in work; Kevlar Curtains removed; electrical down; fit controls stowed; working hydro line removals.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): More firm ECD: 6/7 (not "critical path" item).
- \* Mesa: A/C 130 (rotatable pool ftgs-Ellsworth): Received Fri 6/4 and sent to machining.

Plan for 06-04-04

- \* A/C 86-0130: Receive new shim; Complete all Brg / Shr Ftg installs; start systems restoration (A/C available for Dorsal Long'n repair).
- \* A/C 85-0089: Continue panel removals; begin to stow systems.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): More firm ECD: 6/7 (not "critical path" item).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Should arrive Ellsworth today.
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Should arrive Dyess today; prep for shipping to Long Beach.

06-03-04

- \* A/C 86-0130: Redlines approved for no fuselage jacks on Tuesday Late; successfully removed Brg / Shr Ftg Wed.; measured for shim requirement-need a lower RH shim; begin LH Brg / Ftg install without fuselage jacks today.
- \* A/C 85-0089: Move to Hangar 74; begin panel removals.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): More firm ECD: 6/7 (not "critical path" item).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Mod Ftgs bought off by Customer and shipped to Ellsworth.
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Mod Ftgs bought off by Customer and shipped to Dyess.

06-02-04

- \* A/C 86-0130: Measure Shr Ftgs and if no shim mod required, begin Brg / Shr Ftg installs.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Firm ECD: 6/4 (not "critical path" item).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Latest ECD: 6/2 (not "critical path" item).
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Complete Inspection; go to Paint and ID.

06-01-04

- \* A/C 86-0130: Get redlines approval for no fuselage jacks; begin Brg / Shr Ftg removals.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Firm ECD: 6/4 (not "critical path" item).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Latest ECD: 6/2 (not "critical path" item).
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Complete drilling; go to Inspection.

Plan for 06-01-04

- \* A/C 86-0130: Continue Brg / Shgr Ftg removals; measure ftgs for shim requirements.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Firm ECD: 6/4 (not "critical path" item).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Latest ECD: 6/2 (not "critical path" item).
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Complete drilling; go to Inspection.

05-28-04

- \* A/C 86-0130: Still pending QA/Engr'g/Safety buyoff on plan to perform bearing removals with wing jacks (no fuselage jacks). Located 2 Cement Barriers totaling 3K lbs for nose gear mooring. Test & Eval. Worksht (TEWS) being written/bought off today. Begin Brg removal one way or the other (off or on jacks).
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Complete NDR work.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Complete NDR work.
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Complete machining today; go to drilling.

**Dyess DFT effort successfully completed. All future Mesa Dyess Ftgs will be forwarded from Dyess to Ellsworth.**

Plan for 05-25-04

- \* A/C 86-0130: Prep for jacking; attempt Bearing removals with wing jacks (no fuselage jacks).
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Firm ECD 5/25.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Firm ECD 5/24.

- \* Mesa: A/C 079 (rotatable pool ftgs-Ellsworth): Completed; shipped to Ellsworth
- \* Mesa: A/C 084 (rotatable pool ftgs-Dyess): Should ship from Dyess to Mesa today.

05-24-04

- \* A/C 85-0079: Panel installs complete today. **A/C complete COB today.**
- \* A/C 86-0130: Several panels still to be removed; systems stowed; Kevlar Curtains removed.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition buy-off today or tomorrow.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition buy-off today or tomorrow.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings shipped Fri 5/21; arrive Ellsworth today.
- \* Mesa: A/C 079 (rotatable pool ftgs-Ellsworth): Complete drilling; go to Inspection.

Plan for 05-21-04

- \* A/C 85-0079: Continue Panel installs
- \* A/C 86-0130: Continue panel removals; remove hydro lines.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Firm ECD 5/25.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Firm ECD 5/24.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Ship fittings to Ellsworth.
- \* Mesa: A/C 079 (rotatable pool ftgs-Ellsworth): Complete machining; go to drilling.

05-20-04

- \* A/C 85-0079: Wing sweeps complete today; Panel install tool repair completed today; start panel installs.
- \* A/C 86-0130: All lower panels removed; systems stowed; Kevlar Curtains removed; work removal of upper panels (coord with AC079 panel install process).
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition buy-off today or tomorrow.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition buy-off today or tomorrow.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings to buy-off this afternoon or tomorrow. ECD 05/21
- \* Mesa: A/C 079 (rotatable pool ftgs-Ellsworth): In machining

Plan for 05-18-04

- \* A/C 85-0079: Complete Shr ftg removals; measure for shim requirements; ship to Mesa; begin install of Votaw Shr Ftgs if shims "OK as is."
- \* A/C 86-0130: Continue panel removals; start to stow systems.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Should have ECD by today.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Should have ECD by today.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings complete drilling and go to Inspection. ECD 05/21 (conservative..should beat this date.)

05-17-04

- \* A/C 85-0079: Fuselage is jacked; Brgs are removed; begin Shr Ftg removals.
- \* A/C 86-0130: Did not bring A/C into hangar over weekend. Should be inducted sometime today; start panel removals
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition inwork (tentative-meetings daily at Mesa to get sched visibility).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition inwork (tentative-meetings daily at Mesa to get sched visibility).
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Completed mod, bought of Fri. and shipped for Sat pick-up at Dyess; Jeremy Wentz picked-up fittings at FEDEX and installs began on Sat 5/15.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings in drilling.
- \* Mesa: Votaw produced Spare Set of Prod Ftgs: Completed and bought off on Fri.; shipped to Ellsworth.

Plan for 05-14-04

- \* A/C 85-0079: Continue systems stow; jack A/C; Prep for START Treaty inspection.
- \* A/C 86-0130: Bring this A/C into the hangar early and start WSB Repair.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Complete LH NDR disposition shim install (tentative); go to Paint and ID; Post for Customer buy-off; Ship to Ellsworth (reciprocate for last Ellsworth set sent to Dyess). ECD: still no commitment from Mesa.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Post for Customer buy-off; Ship to Dyess.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Completed drilling LH side; go to Inspection; ECD 5/18 or 19th.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings complete machining. ECD 05/21
- \* Mesa: Spare Set of Prod Ftgs (built at Votaw): NDR tag signed-off; disposition in work; go to Customer buy-off; ship to Ellsworth.

05-13-04

- \* A/C 86-0121: Finishing upper panel refurb & closeout strips; aerofare; move out of hangar.
- \* A/C 85-0079: Continue upper panel removals; stow systems; removed Kevlar curtains.

- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition should complete today (tentative-meetings daily at Mesa to get sched visibility).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Post for Customer buy-off; Ship to Dyess as they are needed there before Ellsworth.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Completed drilling RH side.
- \* Mesa: A/C 121 (rotatable pool ftgs-Ellsworth): Fittings in machining.
- \* Mesa: Votaw produced Spare Set of Prod Ftgs: Machined and Drilled; in Inspection; go to Paint and ID: NDR tag for stamping ID info on part is in work.

Plan for 05-11-04

- \* A/C 85-0079: Begin panel removals.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Post for Customer buy-off; Ship to Dyess.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition developed; put dispo in work; Mod ECD: 5/12 (estimate)
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Complete machining late today or tomorrow morning.

05-10-04

- \* A/C 86-0121: Finish panel & closeout strips; aeofare; **Complete A/C today**
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition should complete today (meeting at Mesa to get sched visibility).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition should complete today (meeting at Mesa to get sched visibility).
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Delayed start (meeting at Mesa to get sched visibility). Do know they are in machining.

Plan for 05-07-04

- \* A/C 86-0121: Systems checkout; Do wing sweeps; begin panel reinstalls. ECD: 5/10
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Post for Customer buy-off; Ship to Dyess.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition developed; put dispo in work; Mod ECD: 5/10 (estimate)
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Should complete machining; go to drilling.

05-06-04

- \* A/C 86-0121: Completed Brg / Shr Ftg installs; completed systems restoration; down jack today.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition complete: in Paint & ID; ECD: 5/5
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition developed; put dispo in work; Mod ECD: 5/5 (estimate)
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Should be in machining.

Plan for 05-04-04

- \* A/C 86-0121: Measure for shim requirements. If okay as is, start Brg / Shr Ftg installs.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Post for Customer buy-off; Ship to Dyess tomorrow.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition developed; put dispo in work; Mod ECD: 5/5 (estimate)
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): ship to Ellsworth today.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Should be in machining.

05-03-04

- \* A/C 85-0061: A/C Complete COB today.
- \* A/C 86-0121: Complete Brg / Shr Ftg removals today.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR disposition complete: in Paint & ID; ECD: 5/5
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR dispo in work; Mod ECD: 5/5 (estimate)
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): Post for Customer buy-off.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Trying to verify that the ftgs were received by Mesa.

Plan for 04-30-04

- \* A/C 85-0061: Continue panel installs. ECD: 5/3 COB.
- \* A/C 86-0121: Remove Kevlar Curtains; start Brg / Shr Ftg removals.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR Shim disposition inwork; Mod ECD 5/3 (estimate).
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): LH NDR disposition developed; put dispo in work; Mod ECD: 5/5 (estimate)
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): Complete Inspection; go to Paint and ID; Mod ECD: 5/4.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): In machining.

04-29-04

- \* A/C 85-0061: Down jacked yesterday morning (1 day late do to AGE shop priorities); performed wing sweeps this morning; begin Kevlar Curtain and panel installs.
- \* A/C 86-0121: Lower Panels removal complete Tuesday; upper panels complete today; systems stow complete; A/C is jacked.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR Shim stock received; disposition inwork. RH in Paint & ID.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Inspection found a discrepancy with mod flange angle; LH NDR required. RH in Paint & ID.
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): Complete Drilling; go to Inspection; ECD: 5/4.
- \* Mesa: A/C 100 (rotatable pool ftgs-Dyess): Receive Shr Ftgs from Dyess; send to machining.

Plan for 04-27-04

- \* A/C 85-0061: Power on today; prep for wing sweeps.
- \* A/C 86-0121: Continue panel removal; start systems stow.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR Shim disposition inwork; Mod Ftgs ECD 4/28.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Post for Customer buy-off; Ship Ellsworth late today or tomorrow.
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): Complete Drilling; go to Inspection; ECD: 4/30.

04-26-04

- \* A/C 85-0061: Complete install of LH Shr Ftg / Brg with new shim; systems wer being restored overweekend; down jack today.
- \* A/C 85-0087: Did complete AC87 Saturday and rolled out of hangar.
- \* A/C 86-0121: Prep'd A/C for startup of Shr Brg Repair; in hangar-day-1 is Monday 4/26. Panels being removed.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR Shim disposition inwork; Mod Ftgs ECD 4/28.
- \* Mesa: A/C 087 (rotatable pool ftgs-Ellsworth): Inspection complete; in Paint & ID; ECD4/27.
- \* Mesa: A/C 061 (rotatable pool ftgs-Ellsworth): Machining complete; in Drilling; ECD 4/30.

Plan for 04-23-04

- \* A/C 85-0061: Finish shim machining; install Shr Ftg / Brg; start systems restoration.
- \* A/C 85-0087: Complete aircraft panel installs late afternoon; aerofare closeout strips Sat. morning; **A/C complete** Sat. 4/24.
- \* A/C 86-0121: Prep A/C for startup of Shr Brg Repair on Monday 4/26.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): LH NDR Shims in-work; Mod Ftgs ECD 4/28. Dyess has a spare set of Shr Ftgs (Votaw mfg'd) to use on A/C 86-0119.

04-22-04

- \* A/C 85-0061: Shim mod. required and being machined; other side Shr Ftg / Brg installed
- \* A/C 85-0087: Complete Lower Panel installs;upper panel installs in work.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): RH Ftg ready for Customer buy-off; will ship RH to Dyess; LH NDR Shim material found; Mod Ftgs ECD 4/28.

Plan for 04-20-04

- \* A/C 85-0061: Finish systems stow; remove Kevlar Curtains; begin Brg and Shr Ftg removals.
- \* A/C 85-0087: Continue systems restoration; hydro lines reinstall; bleed sys; prep for wing sweeps.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): RH Ftg in inspection; LH Ftg drilled; LH NDR Shims in-work; Mod Ftgs ECD 4/21.

04-19-04

- \* A/C 85-0061: Complete removal of Brgs and Shr Ftgs today; measure Ftgs for Shim requirements.
- \* A/C 85-0087: Shims good as is; installed Brgs and Shr Ftgs; begin systems restoration.
- \* Mesa: A/C 069 (rotatable pool ftgs-Ellsworth): Arrived Ellsworth.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): RH Ftg in drilling; LH Ftg flange thickness machined under tolerance by 0.026.

Plan for 04-16-04

- \* A/C 85-0061: Finish systems stow; remove Kevlar Curtains; begin Brg and Shr Ftg removals.
- \* A/C 85-0087: Continue Brg and Shr Ftg removals; measure Shr Ftgs for shimming requirements.
- \* Mesa: A/C 069 (rotatable pool ftgs-Ellsworth): Mod Ftgs should be at Ellsworth.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): RH Ftg in inspection; LH Ftg drilled; LH NDR Shims in-work; Mod Ftgs ECD 4/19.

04-15-04

- \* A/C 85-0061: Panel removals finish today; began stowing systems; drain hydro; jack A/C tonight.
- \* A/C 85-0087: Jack A/C this morning; finish systems stow; Kevlar Curtains removed; begin Brg and Shr Ftg removals.
- \* Mesa: A/C 069 (rotatable pool ftgs-Ellsworth): Ftgs completed; Customer bought-off and sent to Ellsworth

yesterday.

\* Mesa: A/C 119 (rotatable pool ftgs-Dyess): RH Ftg in drilling; LH Ftg flange thickness machined under tolerance by 0.026. Stress analysis shows OK. Fit-up with Wear strips will require custom shims to maintain proper Wear Strip/Ftg Flange stack-up thickness. MESA to Fab under the NDR (Solumina Tag). Mod Shr Ftgs ECD 4/19.

Plan for 04-13-04

- \* A/C 85-0061: Start repair on Wed morning 4/14.
- \* A/C 85-0087: Continue panel removals; start to stow systems.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Shr Ftgs ship to Ellsworth.
- \* Mesa: A/C 069 (rotatable pool ftgs-Ellsworth): Ftgs in inspection; ECD 4/14.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ftgs in inspection; ECD 4/16.

04-12-04

- \* A/C 85-0087: Start depanelling today.
- \* A/C 86-0125: Completed last Tue 4/6.
- \* A/C 85-0069: Completed last Sat 4/10.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Customer buy-off today.
- \* Mesa: A/C 069 (rotatable pool ftgs-Ellsworth): Ftgs in clean and paint; ECD 4/14.
- \* Mesa: A/C 119 (rotatable pool ftgs-Dyess): Ftgs in drilling; ECD 4/16.

Plan for 04-02-04

- \* A/C 86-0125: Work panel installs.
- \* A/C 85-0069: Complete Brg / Shr Ftg LH installs; begin systems restoration.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Shr Ftgs complete machining and go into drilling.

04-01-04

- \* A/C 86-0125: Completed systems restoration; hydro service; wing sweeps this morning; begin repanel; Kevlar Curtain installs.
- \* A/C 85-0069: Complete Brg / Shr Ftg RH installs; receive LH shims from backshop.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Shr Ftgs in machining.

Plan for 03-30-04

- \* A/C 86-0125: No new shims required; begin Shr Ftg / Brg installs; start systems restoration.
- \* A/C 85-0069: Brg / Shr Ftg removal; measure shims.; prepare to ship ftgs to Mesa.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Shr Ftgs should go to machining today (Tue).

03-29-04

- \* A/C 86-0125: Brgs & Ftgs installed; down jack today; start systems restoration
- \* A/C 85-0069: Panel Press returned on Thurs 3/26; Upper panels removed by Fri 3/27; jacked A/C on Sat. and continued stowing systems. Remove hydro lines today.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Should have fittings at Mesa (waiting to hear from Mesa on their status).

Plan for 03-26-04

- \* A/C 86-0125: No new shims required; begin Shr Ftg / Brg installs; start systems restoration.
- \* A/C 85-0069: Stow what systems can be done with Upper Panels still installed. Press AF for return of Panel removal Press Tool.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Shr Ftgs should arrive at Mesa today (Fri.).

03-25-04

- \* A/C 86-0125: Jacked A/C yesterday morning; finish Brgs & Ftgs removal and measure; can use 3 of 4 same shims and one shim off previous A/C.
- \* A/C 85-0069: Lower Panels removed. Upper panels delayed due to Panel Removal Press Tool being taken by AF for inspection/calibration. Hope to have it back tomorrow or Mon.; team moving over to work A/C 125 heavy.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): Customer bought-off and shipped to Dyess: 3/23; received at Dyess 3/24.
- \* Mesa: A/C 125 (rotatable pool ftgs-Ellsworth): Ship Shr Ftgs to Mesa today.

Plan for 03-23-04

- \* A/C 86-0125: Begin systems stow; deservice hydro; remove hydro lines.
- \* A/C 85-0069: Tentatively fly into Ellsworth today; begin WSD/Blk E on Wed.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): In clean & paint today; post for customer buyoff tomorrow.

03-22-04

- \* A/C 86-0125: Began depaneling today

- \* A/C 85-0069: Returned to Dyess after birdstrike on Nose Radome Thurs..R&R was required.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Shr Ftgs arrived back at Ellsworth Fri 3/19.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): completed machining Fri; complete drilling today.

Plan for 03-19-04

- \* A/C 85-0069: Begin WSB Repair; start panel removals.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): In machining.

03-18-04

- \* A/C 86-0136: Complete Panel Installs today; rolled out of hangar this morning; **A/C Complete.**
- \* A/C 85-0069: Due to arrive today and go into prep for WSB repair.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Completed mod and Ftgs were shipped back to Ellsworth yesterday 3/17/04.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): Should have arrived and go to machining.

Plan for 03-16-04

- \* A/C 86-0136: Continue panel installs; WSB ECD: COB 03/18/04.
- \* A/C 85-0069: Tentative next A/C for WSB Repair/Blk E Mod to arrive on the 18th and begin prep for input on the 19th. Wear Strip restock from Tinker is becoming critical. Harold Reed working issue.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Ftgs in drilling today; complete and move to inspection tomorrow.
- \* Mesa: A/C 065 (rotatable pool ftgs-Dyess): Should arrive Mesa Tue 3/16.

03-15-04

- \* A/C 86-0136: Perform wing sweeps this morning; begin panel reinstalls & install Kevlar Curtains.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Complete machining; move to drilling; ECD: 03/19/04.

Plan for 03-12-04

- \* A/C 86-0136: Continue systems restoration; prep for hydro servicing; prep for wing sweeps.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Ftgs in machining today.

03-11-04

- \* A/C 86-0136: New shim completed yesterday; completed Brg/Ftg installs; start systems restoration/dejack today
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Arrived Dyess Tue
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Ftgs arrived at Mesa yesterday (Wed)

Plan for 03-09-04

- \* A/C 86-0136: If no shims required, install Brgs / Shr Ftgs.
- \* Mesa: A/C 136 (rotatable pool ftgs-Ellsworth): Ftgs should arrive Mesa today (Tues).

03-08-04

- \* A/C 86-0136: Completed Brg/Ftg removals; measuring fittings and prep for shipment to Mesa this afternoon.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Arrive Dyess today or tomorrow

Plan for 03-05-04

- \* A/C 86-0136: Complete Brg/Ftg removals; measure fittings and prep for shipment to Mesa.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Post for Customer buy-off; try to get signatures and ship Fri. afternoon..otherwise out of Mesa on Monday.

03-04-04

- \* A/C 86-0136: No progress the last 2 days due to base closure and then snow removal operations..Back on the jet today; complete Kevlar Curtain removals; start Brg/ Shr Ftg removals.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Ftgs in Inspection today

Plan for 03-02-04

- \* A/C 86-0136: Should have roads cleared and base open; Continue stow systems; start Brg/Ftg removal.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Ftgs in drilling; ECD for mod is 03/10 (should beat that date).

03-01-04

- \* A/C 86-0136: No progress today..Base is closed due to snow storm. Jacked A/C late on Fri 2/27
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Machining complete

Plan for 02-27-04

- \* A/C 86-0136: Continue panel removals.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Ftgs in machining.

02-26-04

- \* A/C 86-0136: A/C arrived from Dyess yesterday afternoon; completed prep and put in hangar; begin panel removals today.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Send to machining

Plan for 02-24-04

- \* A/C 86-0136: Fly A/C into Ellsworth; arrive about noon; Prep for WSB; begin repair Wed. morning.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Shr Ftgs arrive at Mesa.

02-23-04

- \* A/C 85-0068: **A/C completed** Saturday morning 2/21/04.
- \* A/C 86-0136: Complete reinstall of 2 windows by COB today at Dyess.
- \* Mesa: A/C 120 (rotatable pool ftgs-Dyess): Send from Dyess to Mesa this afternoon.

Plan for 02-20-04

- \* A/C 85-0068: Complete panel installs; aerofare closeout strips; A/C Complete at COB (tentative).
- \* Mesa: A/C 068 (rotatable pool ftgs-Ellsworth): Completed Paint and ID; post for DCMA buyoff ; ship to Ellsworth.

02-19-04

- \* A/C 85-0068: Completed wing sweeps on Tues; started Kevlar Curtain installs; installing panels today.
- \* Mesa: A/C 068 (rotatable pool ftgs-Ellsworth): Fittings in inspection.

Plan for 02-17-04

- \* A/C 85-0068: Complete prep for wing sweeps; do wing sweeps. Repair ECD: COB 12/20/04
- \* Mesa: A/C 068 (rotatable pool ftgs-Ellsworth): Ftgs to Drilling today. ECD: 12/20/04

02-16-04

- \* A/C 85-0068: Complete restoring systems and checkouts; completed down jack.
- \* Mesa: A/C 068 (rotatable pool ftgs-Ellsworth): Machining completes today.

Plan for 02-13-04

- \* A/C 85-0074: Complete Panel installs and Aerofare cover strips; **A/C complete**.
- \* A/C 85-0068: Complete Brg and Shear Fitting install RH; prep for down jack; start restoring systems.
- \* Mesa: A/C 068 (rotatable pool ftgs-Ellsworth): Ftgs should arrive Mesa yesterday; go to machining today.

02-12-04

- \* A/C 85-0074: Wing sweep successful yesterday morning; began curtain installs; began panel installs.
- \* A/C 85-0068: Brgs out Shim for upper RH completed by back shop late yesterday; LH Brg / Shr Ftg installed yesterday; will do RH install tomorrow after finish of A/C 074. Fittings shipped to Mesa.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): All processes coompleted shipped 02/11 to Ellsworth.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): All processes coompleted shipped 02/11 to Dyess.

Plan for 02-10-04

- \* A/C 85-0074: Install Kevlar Curtains; begin panel installs.
- \* A/C 85-0068: Complete Brg and Shear Fitting removals; measure Shr Ftgs and determine shim requirements; ship Ftgs to Mesa for mod; prep rotatable pool Shr Ftgs for install.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth):complete drilling tomorrow; move to inspection tomorrow ; ECD 2/13/04.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): Ftgs complete drilling; move to inspection; ECD 2/12/04.

02-09-04

- \* A/C 85-0074: Service hydro this morning and perform wing sweeps.
- \* A/C 85-0068: Completed systems stow; jacked A/C over the weekend; began Brg removals.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Machining complete; begin drilling following A/C 103.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): Ftgs completed machining; being drilled today.

Plan for 02-06-04

- \* A/C 85-0074: Continue systems reinstalled; prep for wing sweeps.
- \* A/C 85-0068: Continue panel removals; start systems stow.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Ftgs in machining; ECD 2/16/04.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): Ftgs complete machining late today; move to drilling Mon.; ECD 2/13/04.

02-05-04

- \* A/C 86-0102: COC today.

- \* A/C 85-0074: Dejacked yesterday; begin systems reinstall.
- \* A/C 85-0068: Flew into Ellsworth from Edwards-arrived Wed. 13:00; Prep'd and put in hangar; start panel removals.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Ftgs start machining today; ECD 2/16/04.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): Ftgs started machining ahead of A/C 074; ECD 2/13/04.

02/03.

- \* A/C 85-0074: Complete Bearings / Shr Ftgs installs; begin restoration of systems; prep for dejacking.
- \* A/C 85-0068: Fly into Ellsworth from Edwards late Tues.or Weds. morning.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): Post for buyoff; crate and ship today to Ellsworth.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Ftgs should be in machining.
- \* Mesa: A/C 103 (rotatable pool ftgs-Dyess): Ftgs should be at Mesa today; move to machine shop

02-02-04

- \* A/C 86-0102: Complete panel aerofoam cure today; **A/C complete** COB today.
- \* A/C 85-0074: Begin Bearings / Shr Ftgs installs.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): Complete paint and ID today.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Ftgs should be at Mesa today; move to machine shop.

Plan for 01-30-04

- \* A/C 86-0102: Continue to install upper and lower panels; will work Sat. to complete aircraft repair by COB Mon. 02/02/04.

- \* A/C 85-0074: Determine if shims required..if not, begin Bearing / Shr Fitting installs.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): Complete drilling by Monday; go to Inspection; ECD:02/04/04.
- \* Mesa: A/C 074 (rotatable pool ftgs-Ellsworth): Ftgs should arrive at Mesa today or Monday at the latest.

01-29-04

- \* A/C 86-0102: Wing Sweeps complete this morning; begin Kevlar Curtain and panel reinstalls.
- A/C 85-0074: Bearings / Shr Ftgs removed and being measured for shim requirement; package and ship to Mesa.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): In drilling

Plan for 01-27-04

- \* A/C 86-0102: Complete hydro bleed; prep for wing sweeps.
- \* A/C 85-0074: Complete fuselage and wing jacking. may carryover to Wed.; begin bearing Shr Fitting removal.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): Complete machining; in drilling (estimated as I have not got word from Mesa this morning -Mon.-on their progress).

01-26-04

- \* A/C 86-0102: No new shims required; completed Shr Fitting / Bearing; panel installs over the weekend; began system restoration; down jack today.
- \* A/C 85-0074: Continued stow systems; remove hydro lines; finish removing curtains; prep for jacking.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): In machining (estimated as I have not got word from Mesa this morning on their progress).

Plan for 01-23-04

- \* A/C 86-0102: Complete Brg and Mod Shr Ftg installs..Use original Shims; begin to restore systems.
- \* A/C 85-0074: Complete panel removals; stow systems; bring down hydro; remove curtains; prep for jacking.
- \* Mesa: A/C 102 (rotatable pool ftgs-Ellsworth): Ftgs should arrive at Mesa today

01-22-04

- \* A/C 85-0074: Aircraft in hangar but a large fuel leak has been identified (determined to be pre-existing condition). Safety issues have been addressed and direction from AF is OK to proceed with WSB Repair; began panel removals.
- \* A/C 86-0102: All systems stowed; hydro lines removed and A/C jacked Tues afternoon; Bearings and Shr Ftgs removed; Fittings measured; will use as display items for General Jumper's visit today; ship Ftgs to Mesa today.
- \* Mesa: A/C 073 (rotatable pool ftgs-Ellsworth): Modified Shr Fittings arrived at Ellsworth today.

Plan for 01-20-04

- \* A/C 86-0102: Continue panel removals; start systems stow.
- \* Mesa: A/C 073 (rotatable pool ftgs-Ellsworth): Complete drilling; go to inspection. ECD: 01/22/04

01-19-04

- \* A/C 85-0073: **A/C Completed On Saturday 01/17/04.** COC signoff planned for tomorrow.
- \* A/C 86-0102: Prepared aircraft for WSB on Sat. and pulled in hangar; repair starts today.
- \* Mesa: A/C 073 (rotatable pool ftgs-Ellsworth): In drilling.

Plan for 01-16-04

- \* A/C 85-0073: Continue panel installs (A/C complete ECD Sat morning -- 1/17/04).
- \* A/C 86-0102: Plan: prep to go into second 'all in hangar' for WSB Repair only -- start panel removals.
- \* Mesa: A/C 073 (rotatable pool ftgs-Ellsworth): Complete machining; go to drilling.

01-15-04

- \* A/C 85-0073: Working nutplates. Completed wing sweeps yesterday; install Kevlar Curtains; begin upper spring panel installs.
- \* A/C 86-0102: Planned to arrive today from FOB -- If it shows up--start prep for WSB repair today.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Completed and shipped to Dyess 01/13 COB.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Completed and shipped to Dyess 01/13 COB.
- \* Mesa: A/C 073 (rotatable pool ftgs-Ellsworth): Arrived Mesa; gone to machine shop.

Plan for 01-13-04

- \* A/C 85-0073: Finish nutplate/panel refurb; power up; service Hydro system; disturbed sys chk; start wing sweeps. (A/C complete ECD is late Friday or Sat morning (1/17/04).
- \* A/C 86-0102: Being prepared to go into second 'all in hangar' for WSB Repair only -- start Wed.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Post for Customer buy-off; Ship to Dyess.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Complete inspection and paint today; Customer buy-off tomorrow. ECD:1/14/04.

01-12-04

- \* A/C 85-0073: Working nutplates. Plan wing sweeps for late Tues or Wed morning
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Complete drilling today; go to inspection and paint.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Complete inspection and paint today.

Plan for 01-09-04

- \* A/C 85-0073: Complete Bearing installs; begin systems restoration; dejack.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Complete machining; go to drilling. ECD:1/14/04..This is acceptable to current repair plan.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Complete drilling and go to inspection. ECD:1/13/04..This is acceptable to current repair plan.

01-08-04

- \* A/C 85-0073: Ship Shr Ftgs to Mesa today; modified Shr Ftgs installed-no new shims required; working Bearing installs.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Received status report from Mesa: Dyess fittings went into work ahead of Ellsworth set. Complete machining today; go to drilling.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Machining completed yesterday; went to drilling

Plan for 01-06-04

- \* A/C 85-0073: Complete Bearing and Shr Ftg removals; measure Shr Ftgs and box for shipment to Mesa.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Complete machining; go to drillings.
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Machining in work.

01-05-04

- \* A/C 85-0073: Went into work on 12/29. Complete jacking today; begin Bearing and Shr Ftg removals.
- \* A/C 86-0099: On 12/19, wing sweeps were performed. Due to an 'out of rig' condition, not as a result of the WSB repair, the wings swept beyond the 67.5 deg. limit by a couple of degrees (estimated). Inspected WSB repair area for damage and found none. Some damage to other areas was found.(Refer to Wilson Scott for details). Completed the sweeps and systems restoration. All panels reinstalled. WSB repair completed and removed from hangar 12/29. COC signoff today.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Should be into machining process (Estimated-no status yet this morning).
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Should be starting machining process (Estimated-no status yet this morning).

Plan for 12-19-03

- \* A/C 86-0099: Complete down jack; Begin systems restoration.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Go to machine shop (no work over Holidays)
- \* Mesa: A/C 122 (rotatable pool ftgs-Dyess): Receive fittings from Dyess (no work over Holidays)

12-18-03

- \* A/C 86-0099: Brg / Shr Ftg measurements within tolerance for using existing shims; installed new Brgs / rotatable

Shr Ftgs yesterday; waiting for AGE shop support to down jack today.

- \* Mesa: A/C 083 (rotatable pool ftgs-Ellsworth): shipped to Ellsworth 12/16..they arrived there yesterday.
- \* Mesa: A/C 099 (rotatable pool ftgs-Ellsworth): Receive Shear Ftgs from Ellsworth today.

Plan for 12-16-03

- \* A/C 86-0099: Complete Brg / Shr Ftg removals; measure Shr Ftgs and prep for shipment to Mesa; ship either today or tomorrow 12/17.
- \* Mesa: A/C 083 (rotatable pool ftgs-Ellsworth): go to inspection; then to Paint/ID;ECD for overall process: 12/17.

12-15-03

- \* A/C 86-0099:Kevlar Curtains removed; jack aircraft today; start Brg / Shr Ftg removals.
- \* Mesa: A/C 059 (rotatable pool ftgs-Dyess): Mod'd Ftgs arrived at Dyess.
- \* Mesa: A/C 066 (rotatable pool ftgs-Ellsworth): Mod'd Ftgs arrived at Ellsworth.
- \* Mesa: A/C 083 (rotatable pool ftgs-Ellsworth): Complete drilling today.

Plan for 12-12-03

- \* A/C 86-0099: Complete panel removals; begin to stow flt cntrls;electrical; start hydro line removal.
- \* Mesa: A/C 059 (rotatable pool ftgs-Dyess): ECD for overall process will slip to the right several days..probably 12/15.
- \* Mesa: A/C 066 (rotatable pool ftgs-Ellsworth): Paint/ID; get DCMA buy-off ; ship to Ellsworth.
- \* Mesa: A/C 083 (rotatable pool ftgs-Ellsworth): Continue Drilling holes; ECD for overall process: 12/17.

12-11-03

- \* A/C 86-0099: A/C arrived from Dyess yesterday; started panel removals
- \* Mesa: A/C 059 (rotatable pool ftgs-Dyess): NDRM signed off on RH fitting Tuesday afternoon; goal is to have this set complete by 12/12 but probably more likely 12/15. LH fitting will complete 12/11.
- \* Mesa: A/C 066 (rotatable pool ftgs-Ellsworth): Finish drilling yesterday; In inspection; ECD for overall process: 12/12.
- \* Mesa: A/C 083 (rotatable pool ftgs-Ellsworth): Complete machining today; go to drilling process.

Plan for 12-09-03

- \* A/C 86-0121 (tentative): Begin panel removals.
- \* Mesa: A/C 059 (rotatable pool ftgs): Disposition dye pen inspect. ECD for overall process will slip to the right several days.
- \* Mesa: A/C 066 (rotatable pool ftgs): Finish Machining today; Go to Drilling process; ECD for overall process: 12/12.
- \* Mesa: A/C 083 (rotatable pool ftgs): Begin machining after A/C 066 fittings.

12-08-03

- \* A/C 85-0083: Final panel installs and aerofare today. **A/C complete COB today.**
- \* Mesa: A/C 059 (rotatable pool ftgs): Complete hole drilling today; NDRM written against RH fitting for machining defect in flange tip & radius. Disposition to clean up and dye pen inspect.
- \* Mesa: A/C 066 (rotatable pool ftgs): Finish Machining today; Go to Drilling process; ECD for overall process: 12/12.
- \* Mesa: A/C 083 (rotatable pool ftgs): Thru receiving ;go to machine shop.

Plan for 12-05-03

- \* A/C 85-0083: Complete install of Ftgs/Brgs; install hydro lines; restore flight controls and electrical; down jack. Prep for Wing Sweeps; Will work Sat. to catchback schedule. ECD this A/C: COB 12/09.
- \* Mesa: A/C 059 (rotatable pool ftgs): Complete hole drilling Mon. 12/8; ECD for overall process: 12/10.
- \* Mesa: A/C 066 (rotatable pool ftgs): Go into Machining today; complete maching 12/8; ECD for overall process: 12/12.
- \* Mesa: A/C 083 (rotatable pool ftgs): Go to machining after A/C 066 fittings: 12/8.

12-04-03

- \* A/C 85-0083: Measuring device was in PMEL for calibration. Worked with AF to get the job expedited to complete COB yesterday. Did trial install of fittings with production shims yesterday. Looked good, but could not verify actual gap dimensions. Tore assy's back down to measure fitting heights per SOW. Start Shr Ftg /Bearing reinstalls today if measurements are within tolerances to use existing shims. Worked panel refurb yesterday. Shr Fittings shipped to Mesa yesterday (12/3).
- \* Mesa: A/C 059 (rotatable pool ftgs): Complete machining today; move to hole drilling.
- \* Mesa: A/C 066 (rotatable pool ftgs): Move fittings to machine shop.
- \* Mesa: A/C 083 (rotatable pool ftgs): Arrive Mesa today

Plan for 12-02-03

- \* A/C 85-0083: Complete Shr Ftg removals; measure Shr Ftgs for shim requirements; box Shr Ftgs and ship to

Mesa.

- \* Mesa: A/C 059 (rotatable pool ftgs): Go into Machining first (before A/C 066) due to earlier need date.
- \* Mesa: A/C 066 (rotatable pool ftgs): Go into work after A/C 059.

12-01-03

- \* A/C 85-0083: Began work on Nov 25th; panels removed, systems stowed, hydro drained; Nov 26: hydro lines removed, Kevlar Curtains removed, jacked A/C. Begin to remove Bearings / Shr Fittings today.
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement last Wed morning; Fittings on dock this morning at Mesa (waiting for verification).
- \* Mesa: A/C 059 (rotatable pool ftgs): IWA placement last Wed morning; Fittings on dock this morning at Mesa (waiting for verification).

Plan for 11-25-03

- \* A/C 85-0066: Complete spring panel and cover strip installs and aerofare; move out of hangar; **A/C complete**.
- \* A/C 85-0083: Prep. A/C 85-0083 for start of WSB repair; bring in hangar.
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement expected today (Tue); pending word to Ellsworth to send Shr Ftgs.
- \* Mesa: A/C 059 (rotatable pool ftgs): IWA placement expected today (Tue); pending word to Dyess to send Shr Ftgs.

11-24-03

- \* A/C 85-0066: Wing sweeps successfully completed Friday; installed Kevlar Curtains; complete installation of panels today.
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement inwork; hold Shear Fittings at EAFB and Dyess until IWA in place.

Plan for 11-21-03

- \* A/C 85-0066: Perform wing sweeps; finish refurb of panels; install Kevlar Curtains; begin panel installs; A/C ECD 11/24
- \* A/C 85-0083: Tentatively the next A/C set to start repair effort on 11/25.
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement inwork.

11-20-03

- \* A/C 85-0066: Shr Ftg measurements completed..existing shims OK to use; Bearings and Shear Fittings installed; began systems resoration yesterday; installed hydro; servicing complete today;down jack today and prep for wing sweeps.
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement inwork; hold Shear Fittings at EAFB until IWA in place.

Plan for 11-18-03

- \* A/C 85-0066: Work panel refurbishment; machine shims (if required);
- \* Mesa: A/C 066 (rotatable pool ftgs): IWA placement inwork.

11-17-03

- \* A/C 85-0066: Started work on 11/13. Completed all panel removals, systems stow, hydro deservice and line removal, Kevlar curtain removal; removed Bearings and Shear Fittings; measure for shim requirements today; hold Shear Fittings at EAFB until we work out plan with Mesa (IWA in place).
- \* Mesa: A/C 066 (rotatable pool ftgs):IWA placement inwork.

*Lance Borden*

Team Lead

B-1B Flight Sciences

Project Team Lead

Shear Brdg Repair CFT

Wing Pivot Brdg Replacement

PH 562-982-2657

FAX 562-982-9327

Appendix B

CFT Aircraft Repair Schedule

CFT - Dyess Wing Shear Bearing		2004											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Replan Per APT Mtg 28 Jul 04													
DORSAL	(85-0065)												
WSB	(86-0140)												
WSB	(85-0064)												
WSB	(86-0132)												
WSB	(86-0097)												
WSB	(85-0090)												
WSB	(86-0101)												
SD-11 COMPLETE													
Require TCTO 1B-1B-1221 (DZUS Fasteners):													
5-084 6-084 6-104 6-113 6-129 6-138 6-139													
8/13 COC 7/26 8/17													
WSB Team Moves To Dyess													
8/12 9/16 COC 8/16 8/31 9/24 8/17 9/23 COC 9/9													
8/28 9/20 COC 9/1 9/17 9/23 9/3 9/24 COC 9/14 9/28 9/28													
9/22 COC 9/17 10/7 10/11 9/27 10/10 COC 9/28 10/14 10/21													

## Appendix C

Table of CFT and DFT In-Work or Completed SD11 Aircraft

Shear Brg Repair  
FINAL STATUS REPORT  
CFT at Dyess  
10/22/2004

NA-04-1351  
Appendix C

Repair # & A/C#	A/C Status	A/C home base	Planned Start Date	Revised Start Date	Actual Start Date	Planned Complete	Revised Complete	Actual Complete
<b>Ellsworth CFT</b>								
35* (1)	85-00666 Complete	Ellsworth	11/07/03	11/13/03	11/13/03	11/25/03		11/26/03
36 (2)	85-00883 Complete	Ellsworth	11/24/03		11/26/03	12/11/03	12/09/03	12/09/03
37 (3)	86-00999 Complete	Ellsworth	12/09/03		12/10/03	12/26/03		12/29/03
38 (4)	85-00733 Complete	Dyess	12/22/03	12/26/03	12/29/03	01/13/04	01/17/04	01/17/04
39 (5)	86-01022 Complete	Ellsworth	01/19/04		01/19/04	02/11/04	02/04/04	02/03/04
40 (6)	85-00744 Complete	Dyess	01/22/04**		01/22/04	02/13/04		02/13/04
61 (7)	85-00668 Complete	Edwards	02/05/04		02/05/04	02/23/04		02/21/04
41 (8)	86-01366 Complete	Dyess	02/19/04**	02/25/04	02/26/04	03/15/04	03/19/04	03/18/04
42 (9)	85-00699 Complete	Dyess	03/17/04**	03/24/04	03/24/04	04/08/04	04/14/04	04/10/04
43 (10)	85-00611 Complete	Dyess	04/13/04**	04/15/04	04/14/04	05/04/04	05/03/04	05/03/04
44 (11)	85-00899 Complete	Dyess	06/05/04**		06/03/04	06/29/04	07/01/04	07/01/04
45 (12)	86-01112 Complete	Dyess	06/30/04**	07/29/04	08/02/04	07/23/04	08/13/04	08/18/04
56 (15)	86-01255 Complete	Ellsworth	03/22/04		03/22/04	04/06/04		04/06/04
57 (16)	85-00877 Complete	Ellsworth	04/07/04	04/12/04	04/12/04	04/22/04	04/24/04	04/24/04
58 (17)	86-01211 Complete	Ellsworth	04/23/04	04/26/04	04/26/04	05/08/04	05/10/04	05/13/04
59 (18)	85-00799 Complete	Ellsworth	05/10/04		05/11/04	05/24/04		05/24/04
60 (19)	86-01330 Complete	Ellsworth	05/25/04	05/17/04	05/17/04	06/11/04	06/23/04	06/24/04
62 (20)	86-01099 Complete	AMARC	06/12/04	06/22/04	06/24/04	06/27/04	07/09/04	07/12/04
63 (21)	86-01344 Complete	AMARC	06/28/04	07/16/04	07/21/04	07/15/04	08/06/04	08/02/04
<b>Dyess CFT</b>								
46 (13)	86-01400 Complete	Dyess	07/26/04	08/16/04	08/09/04	08/17/04	09/15/04	09/16/04
47 (14)	85-00644 Complete	Dyess	08/18/04	08/23/04	08/17/04	09/10/04	09/03/04	09/02/04
64 (22)	86-01322 Complete	AMARC	07/16/04	09/01/04	08/28/04	07/31/04	09/17/04	09/20/04
65 (23)	86-00977 Complete	AMARC	08/01/04	09/03/04	09/07/04	08/16/04	09/25/04	09/24/04
66 (24)	85-00990 Complete	IDL	08/17/04	09/22/04	09/22/04	09/01/04	10/07/04	10/07/04
67 (25)	86-01011 Complete	AMARC	09/01/04	09/27/04	09/27/04	09/19/04	10/15/04	10/19/04

\* Total A/C repaired or planned for repair since program inception.

\*\* WSB concurrent with Blk E (6 Dyess A/C)

Appendix D

Cost Report

**SD11 ACTUAL DOLLARS BY FUNCTION**  
**AS OF: Oct 29, 2004**

Function	Total \$\$
Proposal Prep	4,323
Financial Supt	41,939
Ellsw Engr'g	164,824
Ellsw Log	284,705
Ellsw Mat'l	63,334
QA (Long Bch)	35,857
Dyess Engr	134,550
Dyess Log	28,628
Dyess Matl	36,025
CFT Mech's	1,182,758
QA (Ellsworth)	166,289
Ellsw Trvl	87,551
Dyess Trvl	79,419
CAP	874,156
MESA	186,839
<b>TOTAL</b>	<b>\$ 3,371,197</b>
No Prop Prep	\$ 3,366,874

**SD11 ACTUAL HOURS BY FUNCTION**  
**AS OF: Oct 29, 2004**

Function	Total Hrs
Proposal Prep	34.4
Financial Supt	419.5
Ellsw Engr'g	1,334.9
Ellsw Log	4,164.3
Ellsw Mat'l	623.7
QA (Long Bch)	367.7
Dyess Engr	1,075.5
Dyess Log	427.8
Dyess Matl	291.7
CFT Mech's	17,597.3
QA (Ellsworth)	2,472.0
Ellsw Trvl	-
Dyess Trvl	-
CAP	1,580.0
MESA	2,098.2
<b>TOTAL</b>	<b>32487.0</b>
No Prop Prep	32452.6